

Commonwealth of Kentucky
Division for Air Quality
PERMIT STATEMENT OF BASIS

Title V Draft Permit No. V-97-041

Roll Forming Corporation

P.O. Box 369

1070 Brooks Industrial Road

Shelbyville, KY 40066-0369

June 2, 2000

Harold Sparks, Reviewer

Source Description:

The source manufactures various aluminum products according to customer specifications. Aluminum sheet, which is the basic raw material for this process, is passed through a series of rollers to obtain the desired shapes. Various buffing, sanding and grinding operations are performed either before or after spot welding is done. A vapor degreaser, which is heated by a 1.35 MM BTU/hr boiler, is used to clean the parts. The degreaser emits 12.43 tons of trichloroethylene per year, and makes the source major for HAPS.

Comments:

Type of control and efficiency:

None

Emission factors:

Combustion source emissions were calculated using AP-42 emission factors.

Trichloroethylene emissions were calculated by the consultant using material balances and assuming that 100 percent of the unaccounted for solvent was emitted.

Applicable regulations:

40 CFR 63, Subpart T

401 KAR 50:035

401 KAR 50:038

401 KAR 50:045

401 KAR 50:050

401 KAR 59:015

401 KAR 61:015